

Pilotsonde

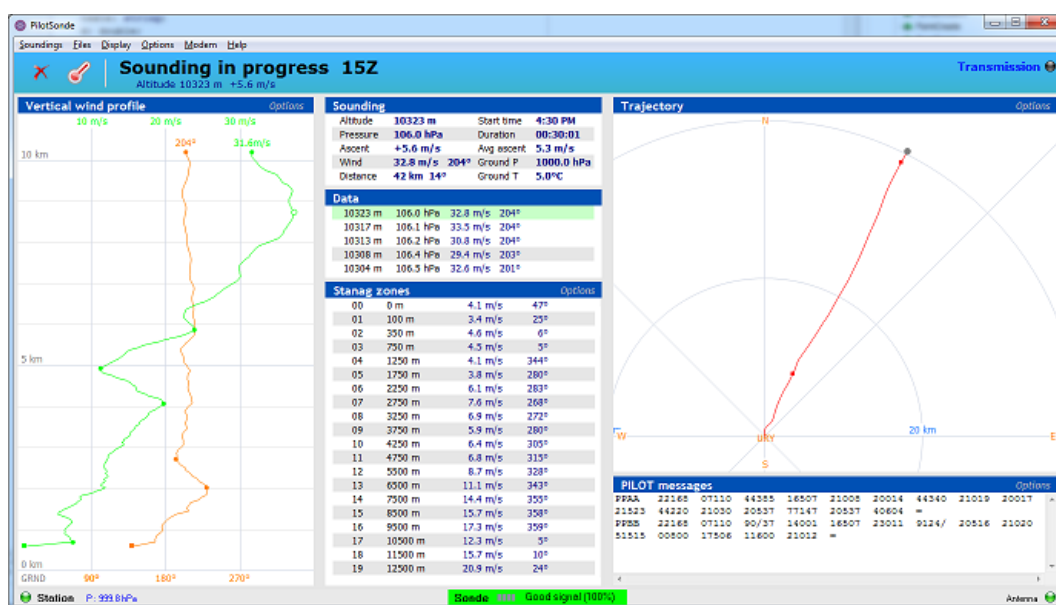


The *Pilotsonde* is a GPS sonde dedicated in Wind measurement only, created in 2013. It is the most affordable solution for high quality wind profil measurement.

- Automatic accurate measurement of Wind direction, Wind speed, Pressure and Altitude
- ON/OFF power switch and authorization to release directly indicated on the Pilotsonde (led)
- Reliable operation up to 20 km altitude, no interruption in clouds and / or sun glare
- Ground receiver self-powered by USB port of the PC
- Real time display
- High Definition resolution
- Automatic data recording and storage of raw data
- Edition of PILOT, STANAG, Aerological report, daily report
- Automatic sending of message by email, FTP, RS232, Socket, SMS
- Compatible with the SR10 station



Pilotsonde software :



Pilotsonde

Technical specifications

GENERAL

Dimensions : H : 120 mm \varnothing : 30 mm
 Weight : 47 g (including batteries)

TRANSMITTER

Freq. range : 401.5 MHz (blue) or
 : 402.5 MHz (green)
 Output Power : 20 mW
 Modulation : FSK

ALTITUDE

Altitude range : Up to 20 km
 Altitude accuracy : 10 m
 Altitude resolution : 0.1 m

BATTERIES

Technology : 1.5 V alkaline
 Package : 2 batteries
 Power On : ON/OFF button

WIND MEASUREMENT

Method : 3D GPS
 Position accuracy : 10 m
 Wind speed accuracy : 0.1 m/s
 Wind direction accuracy : 1°
 Position resolution : 1 m
 Wind speed resolution : 0.1 m/s
 Wind direction resolution : 1°

Pilot Ground Station



Pilotsonde Software



Pilot Ground Receiver



Omnidirectional Antenna
400 MHz



Pilot sounding system
Desktop



Pilot sounding system
Laptop



User's manual
Installation & maintenance manual

GENERAL

Dimensions : Width: 106 mm – Depth: 160 mm – Height: 49 mm
 Weight : 0.6 kg
 Power : USB Bus powered
 Links : USB to PC
 Workstation : Desktop or Laptop PC

TELEMETRY

Receiver : Digital synthesizer
 Freq. range : 400—406 MHz
 Tracking range : 150 km
 Modulation : FSK



MADE IN FRANCE